In the claims

1. (Cancelled)

2. (Currently Amended)~~The soil compactor vehicle of claim 1,~~ A soil compactor vehicle, comprising:

a frame;

a loader bucket movably coupled to the frame;

a control system operable to control the loader bucket position relative to the frame;

a plurality of compaction wheels coupled to the frame, the compaction wheels including radially extending compaction studs that have a substantially flat ground contacting surface, the compaction studs being spaced about the periphery of the compaction wheels and defining circumferential grooves on the compaction wheels;

a plurality of wiper bars fixed in relation to the frame and being positioned so as to extend into the circumferential grooves defined on the compaction wheels by the compaction studs;

an engine operable to drive one or more of the plurality of compaction wheels;

wherein the plurality of compaction wheels comprises two front compaction wheels on opposite sides of the frame and two rear compaction wheels on opposite sides of the frame, the soil compactor vehicle further comprising:

a first mounting bar extending from a first side of the frame, a first set of the plurality of wiper bars being mounted to the first mounting bar such that at least a first subset of the wiper bars mounted to the first mounting bar extend into the circumferential grooves of a first front compaction wheel and such that at least a second subset of the wiper bars mounted to the first mounting bar extend into the circumferential grooves of a first rear compaction wheel; and

a second mounting bar extending from a second side of the frame opposite the first side of the frame, a second set of the plurality of wiper bars being mounted to the second mounting bar such that at least a first subset of the wiper bars mounted to the second mounting bar extend into the circumferential grooves of a second front compaction wheel and such that at least a second subset of the wiper bars mounted to the

second mounting bar extend into the circumferential grooves of a second rear compaction wheel.

3. (Original) The soil compactor vehicle of claim 2, wherein at least one of the wiper bars mounted to the first mounting bar extends into a circumferential groove of the first front compaction wheel and into a circumferential groove of the first rear compaction wheel and wherein at least one of the wiper bars mounted to the second mounting bar extends into a circumferential groove of the second front compaction wheel and into a circumferential groove of the second rear compaction wheel.

4. (Original) The soil compactor vehicle of claim 2, wherein the first mounting bar extends from an area of the frame between the first front compaction wheel and the first rear compaction wheel and wherein the second mounting bar extends from an area of the frame between the second front compaction wheel and the second rear compaction wheel.

5. (Original) The soil compactor vehicle of claim 2, wherein the soil compactor vehicle comprises a skid steering system.

6. (Currently Amended) The soil compactor vehicle of claim [[1]] 2, wherein the soil compactor vehicle comprises a skid steering system.

7. (Cancelled)

8. (Currently Amended)~~The skid steer loader of claim 7, further comprising:~~ A skid steer loader, comprising:

a frame;

a loader bucket movably coupled to the frame;

a control system operable to control the loader bucket position relative to the frame;

two front compaction wheels coupled to and on opposite sides of the frame and two rear compaction wheels coupled to and on opposite sides of the frame, the two front and two rear compaction wheels including radially extending compaction studs that have a substantially flat ground contacting surface, the compaction studs being spaced about the periphery of the two front and two rear compaction wheels and defining circumferential grooves on the two front and two rear compaction wheels;

a plurality of wiper bars fixed in relation to the frame and being positioned so as to extend into the circumferential grooves defined on the two front and two rear compaction wheels by the compaction studs;

an engine operable to drive one or more of the plurality of compaction wheels;

a skid steering system operable to control the rotation of the two front and two rear compaction wheels to steer the skid steer loader;

a first mounting bar extending from a first side of the frame, a first set of the plurality of wiper bars being mounted to the first mounting bar such that at least a first subset of the wiper bars mounted to the first mounting bar extend into the circumferential grooves of a first front compaction wheel and such that at least a second subset of the wiper bars mounted to the first mounting bar extend into the circumferential grooves of a first rear compaction wheel; and

a second mounting bar extending from a second side of the frame opposite the first side of the frame, a second set of the plurality of wiper bars being mounted to the second mounting bar such that at least a first subset of the wiper bars mounted to the second mounting bar extend into the circumferential grooves of a second front compaction wheel and such that at least a second subset of the wiper bars mounted to the

second mounting bar extend into the circumferential grooves of a second rear compaction wheel.

9. (Original) The skid steer loader of claim 8, wherein at least one of the wiper bars mounted to the first mounting bar extends into a circumferential groove of the first front compaction wheel and into a circumferential groove of the first rear compaction wheel and wherein at least one of the wiper bars mounted to the second mounting bar extends into a circumferential groove of the second front compaction wheel and into a circumferential groove of the second rear compaction wheel.

10. (Original) The skid steer loader of claim 8, wherein the first mounting bar extends from an area of the frame between the first front compaction wheel and the first rear compaction wheel and wherein the second mounting bar extends from an area of the frame between the second front compaction wheel and the second rear compaction wheel.

11-19. (Cancelled)